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PASSWORD:

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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	3	JUL 28	EPFULL enhanced with additional legal status information from the EPOLINE Register
NEWS	4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	5	JUL 28	STN Viewer performance improved
NEWS	6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	7	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	9	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	12	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	14	SEP 29	IFICLS enhanced with new super search field
NEWS	15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS EXPRESS	JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		

NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:20:01 ON 13 NOV 2008

=> FIL REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:20:10 ON 13 NOV 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 NOV 2008 HIGHEST RN 1072189-85-5

DICTIONARY FILE UPDATES: 12 NOV 2008 HIGHEST RN 1072189-85-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10541502\1.str



chain nodes :

10 18

ring nodes :

1 2 3 4 5 6 7 8 9 12 13 14 15 16

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 12-16 12-13 13-14 14-15 15-16

exact/norm bonds :

2-7 3-9 7-8 8-9 12-16 12-13 13-14 14-15 15-16

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,S

Match level :

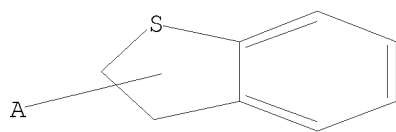
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom

L1 STRUCTURE UPLOADED

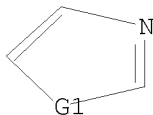
=> D

L1 HAS NO ANSWERS

L1 STR



G1 O,S



Cy

Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 11:20:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3168 TO ITERATE

63.1% PROCESSED 2000 ITERATIONS

3 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 59984 TO 66736

PROJECTED ANSWERS: 3 TO 225

L2

3 SEA SSS SAM L1

=> S L1 FULL

FULL SEARCH INITIATED 11:20:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 63159 TO ITERATE

100.0% PROCESSED 63159 ITERATIONS

71 ANSWERS

SEARCH TIME: 00.00.02

L3

71 SEA SSS FUL L1

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

178.57

FILE 'CAPLUS' ENTERED AT 11:20:37 ON 13 NOV 2008

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FILE COVERS 1907 - 13 Nov 2008 VOL 149 ISS 20
FILE LAST UPDATED: 12 Nov 2008 (20081112/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> S L3
L4 12 L3

=> D IBIB 1-3

L4 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:916223 CAPLUS
 DOCUMENT NUMBER: 149:200904
 TITLE: Preparation of 4-thiazolylpiperidine derivs. as fungicides
 INVENTOR(S): Pasteris, Robert James; Lahm, George Philip
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 133pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008091580	A2	20080731	WO 2008-US786	20080118
WO 2008091580	A3	20080912		
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MI, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, UA, EP, EA, EP, OA				
PRIORITY APPLN. INFO.: US 2007-897792P P 20070125				
OTHER SOURCE(S): MARPAT 149:200904				

L4 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:914474 CAPLUS
 DOCUMENT NUMBER: 149:193346
 TITLE: Preparation of carboxamide derivative fungicides for synergistic fungicidal mixtures
 INVENTOR(S): Bruhn, John Anthony; Pasteris, Robert James
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 293pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008091594	A2	20080731	WO 2008-US813	20080118
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MI, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, UA, EP, EA, EP, OA				
PRIORITY APPLN. INFO.: US 2007-897152P P 20070124				
OTHER SOURCE(S): MARPAT 149:193346				

L4 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2007:117896 CAPLUS
 DOCUMENT NUMBER: 146:206290
 TITLE: Preparation of fungicidal carboxamides
 INVENTOR(S): Bisaha, John Joseph; Kovacs, Patrick Ryan; Lett, Renee
 Marie; Long, Jeffrey Keith; Pasteris, Robert James; Finkelstein, Bruce Lawrence; Smith, Brenton Todd; Klyashchitsky, Boris Abramovich
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 267pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007014290	A2	20070201	WO 2006-US29175	20060726
WO 2007014290	A3	20070607		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, ME, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, UA, EP, EA, EP, OA				
AU 2006272551	A1	20070201	AU 2006-272551	20060726
CA 2614288	A1	20070201	CA 2006-2614288	20060726
EP 1948649	A2	20080730	EP 2006-800389	20060726
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
IN 2007DN9576	A	20080627	IN 2007-DN9576	20071211
MX 200801077	A	20080319	MX 2008-1077	20080123
CN 101228156	A	20080723	CN 2006-80027100	20080124
KR 2008031030	A	20080407	KR 2008-702106	20080125
PRIORITY APPLN. INFO.: US 2005-702579P P 20060726				
WO 2006-US29175 W 20060726				
OTHER SOURCE(S): MARPAT 146:206290				

L4 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2007:2715 CAPLUS
 DOCUMENT NUMBER: 146:265787
 TITLE: Farnesyltransferase pharmacophore model derived from diverse classes of inhibitors
 AUTHOR(S): Lu, Aijun; Zhang, Jian; Yin, Xiaojin; Luo, Xiaomin; Jiang, Hualiang
 CORPORATE SOURCE: JiangSu Sincere Pharmaceutical Research Company Ltd., Nanjing, 210042, Peop. Rep. China
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2007), 7(1), 243-249
 CODEN: BMCLE8; ISSN: 0960-894X
 PUBLISHER: Elsevier Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
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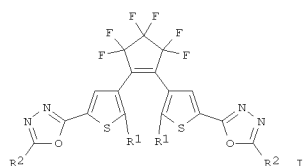
L4 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:673278 CAPLUS
 DOCUMENT NUMBER: 143:172864
 TITLE: Preparation of heterocyclic moiety-containing acrylonitriles as pest controlling agents
 INVENTOR(S): Iwata, Jyun; Mukohara, Yukuo; Yano, Makio; Hanai, Daisuke; Yamaguchi, Masao; Furukawa, Hironori; Koizumi, Keiji
 PATENT ASSIGNEE(S): Nippon Soda Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 90 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005068443	A1	20050728	WO 2005-JP569	20050119

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 PRIORITY APPLN. INFO.: JP 2004-9996 A 20040119
 OTHER SOURCE(S): MARPAT 143:172864
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
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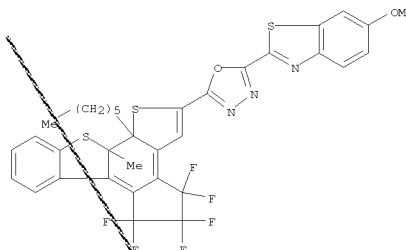
L4 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2002:612625 CAPLUS
 DOCUMENT NUMBER: 138:24677
 TITLE: Photochromic dihetarylethenes. 12. Synthesis of 5-alkyl-2-(1,3,4-oxadiazol-2-yl)thiophenes and their photochromic derivatives
 AUTHOR(S): Krayushkin, M. M.; Stoyanovich, F. M.; Zolotarskaya, O. Yu.; Chernoburova, E. I.; Makhova, N. N.; Yarovenko, V. N.; Zavarzin, I. V.; Martynkin, A. Yu.; Uzhinov, B. M.
 CORPORATE SOURCE: N. D. Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences, Moscow, 117913, Russia
 SOURCE: Chemistry of Heterocyclic Compounds (New York, NY, United States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002), 38(2), 165-176
 CODEN: CHCCAL; ISSN: 0009-3122
 PUBLISHER: Kluwer Academic/Consultants Bureau
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 138:24677
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
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L4 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2002:612625 CAPLUS
 DOCUMENT NUMBER: 138:24677
 TITLE: Photochromic dihetarylethenes. 12. Synthesis of 5-alkyl-2-(1,3,4-oxadiazol-2-yl)thiophenes and their photochromic derivatives
 AUTHOR(S): Krayushkin, M. M.; Stoyanovich, F. M.; Zolotarskaya, O. Yu.; Chernoburova, E. I.; Makhova, N. N.; Yarovenko, V. N.; Zavarzin, I. V.; Martynkin, A. Yu.; Uzhinov, B. M.
 CORPORATE SOURCE: N. D. Zelinsky Institute of Organic Chemistry, Russian
 SOURCE: Academy of Sciences, Moscow, 117913, Russia
 Chemistry of Heterocyclic Compounds (New York, NY, United States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002), 38(2), 165-176
 CODEN: CHCCAL; ISSN: 0009-3122
 PUBLISHER: Kluwer Academic/Consultants Bureau
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 138:24677
 GI



AB Photochromic 5-alkyl-2-(1,3,4-oxadiazol-2-yl)thiophenes I (R1 = Me, R2 = Ph, 4-MeOC6H4; R1 = n-hexyl, R2 = 6-methoxy-2-benzothiazolyl) and II were

L4 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 synthesized, and their photochromic and fluorescent properties were studied.
 IT 478166-10-8P
 RL: PNU (Preparation, unclassified); PREP (Preparation) (preparation and photochromic and fluorescent properties of fluorinated alkyl (oxadiazolyl)thiophenes)
 RN 478166-10-8 CAPLUS
 CN Benzothiazole, 2-[5-(4,4,5,5,6,6-hexafluoro-11b-hexyl-5,6,11a,11b-tetrahydro-11a-methyl-4H-benzo[b]thieno[2',3':6,7]indeno[4,5-d]thien-2-yl)-1,3,4-oxadiazol-2-yl]-6-methoxy- (CA INDEX NAME)

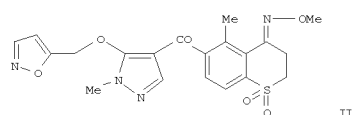
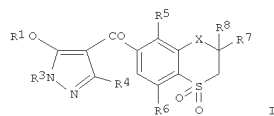


REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:780882 CAPLUS
 DOCUMENT NUMBER: 135:318506
 TITLE: Pyrazole derivatives and herbicides containing the same
 INVENTOR(S): Nasuno, Ichiro; Shibata, Mitsuru; Koike, Kazuyoshi
 PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 95 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

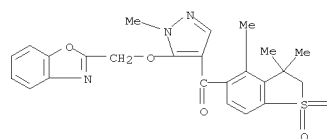
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079200	A1	20011028	WO 2001-JP3232	20010416
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RW: GH, GM, KE, LS, MW, MG, SD, SL, SE, TZ, UG, VN, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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OTHER SOURCE(S): MARPAT 135:318506
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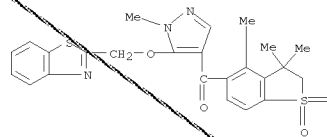


AB Title compds. [I; R1 = heterocyclylmethyl, heterocyclyl; R3 = CH3, CH3CH2, (CH3)2CH, (CH3)3C; R4 = H, CH3; R5 = CH3, Cl, H, CH2OCH2CH2OCH3, CH2OCH3,

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CH2OCH2CH2CH2, CH3CH2, CH:C(CH3)2, CF3, OCH2CH3, OCH2C6H5, OCH2CCH; R6 = H, CH3; R7 = H, CH3; R8 = H, CH3; X = C:NOCH3, CHOCH3, bond, CH2, C(CH3)2, CHOCH(CH3)2] and salts are prepd. as active ingredient of herbicides.
 Title compds. I do not cause chem. damage to upland crops such as corn, and can control a wide variety of upland weeds even in a low dosage.
 Thus, the title compd. II was prepd. and tested for herbicidal activity.
 IT 368437-37-0P 368437-38-1P 368437-84-7P 368437-90-5P 368438-16-8P 368438-17-9P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (pyrazole derivs. and herbicides containing the same)
 RN 368437-37-0 CAPLUS
 CN Methanone, [5-(2-benzoxazolylmethoxy)-1-methyl-1H-pyrazol-4-yl] (2,3-dihydro-3,3,4-trimethyl-1,1-dioxidobenzo[b]thien-5-yl)- (CA INDEX NAME)

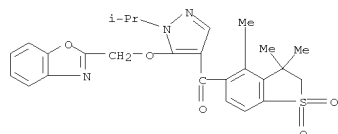
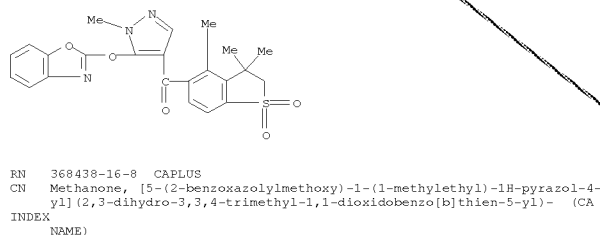
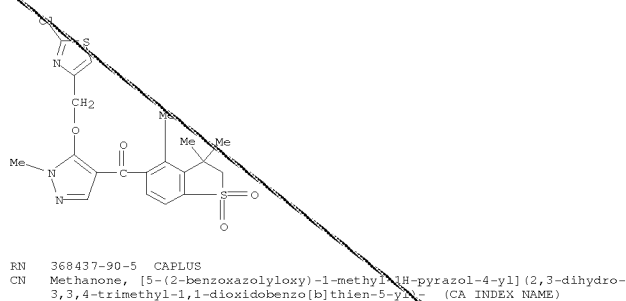


RN 368437-38-1 CAPLUS
 CN Methanone, [5-(2-benzothiazolylmethoxy)-1-methyl-1H-pyrazol-4-yl] (2,3-dihydro-3,3,4-trimethyl-1,1-dioxidobenzo[b]thien-5-yl)- (CA INDEX NAME)



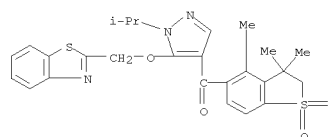
RN 368437-84-7 CAPLUS
 CN Methanone, [5-[(2-chloro-4-thiazolyl)methoxy]-1-methyl-1H-pyrazol-4-yl] (2,3-dihydro-3,3,4-trimethyl-1,1-dioxidobenzo[b]thien-5-yl)- (CA INDEX NAME)

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

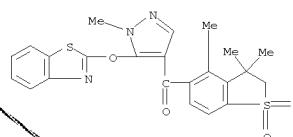


L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 368438-17-9 CAPLUS
 CN Methanone, [5-(2-benzothiazolylmethoxy)-1-(1-methylethyl)-1H-pyrazol-4-yl] (2,3-dihydro-3,4,4-trimethyl-1,1-dioxidobenzo[b]thien-5-yl)- (CA INDEX NAME)



IT 368437-91-6P
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (pyrazole derivs. and herbicides containing the same)
 RN 368437-91-6 CAPLUS
 CN Methanone, [5-(2-benzothiazolylmethoxy)-1-methyl-1H-pyrazol-4-yl] (2,3-dihydro-3,4,4-trimethyl-1,1-dioxidobenzo[b]thien-5-yl)- (CA INDEX NAME)

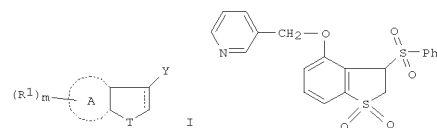


L4 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:659372 CAPLUS
 DOCUMENT NUMBER: 131:286397
 TITLE: Preparation of fused thiophene derivatives as interleukin-6 and interleukin-12 production inhibitors
 INVENTOR(S): Konishi, Mikio; Katsube, Nobuo; Konno, Mitoshi; Kishimoto, Tadimitsu
 PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 717 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

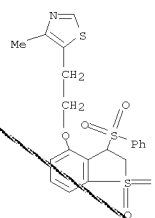
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9951587	A1	19991014	WO 1999-JP1648	19990331
W: AU, BR, CA, CN, HU, JP, KR, MX, NO, NZ, RU, TR, US, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9930531	A	19991025	AU 1999-30531	19990331
EP 1067128	A1	20010110	EP 1999-912051	19990331
FI				
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, PT, SE, IE				
US 6420391	B1	20020716	US 2000-647430	200201002
US 20030073706	A1	20030417	US 2002-127409	20020123
US 6555555	B1	20030429	JP 1998-104210	A 19980401
PRIORITY APPLN. INFO.:			JP 1999-46887	A 19990119
			WO 1999-JP1648	W 19990331
			US 2000-647430	A3 20001002

OTHER SOURCE(S): MARPAT 131:286397
 GI



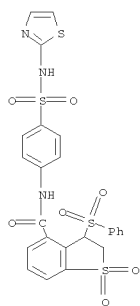
L4 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

for various inflammatory diseases, sepsis, multiple myeloma, plasma cell leukemia, osteoporosis, cachexia, psoriasis, nephritis, renal cell cancer, Kaposi's sarcoma, chronic rheumatoid arthritis, hypergammaglobulinemia, Cushing's disease, intraatrial myxoma, diabetes, autoimmune diseases, hepatitis, multiple sclerosis, colon inflammation, graft-vs.-host disease and infectious diseases. Formulations contg. I are given. In an in vitro test using cells, the title compd. II showed IC50 of 4.4 μM against interleukin-6 prodn.
 IT 246172-78-1P 246174-49-2P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of fused thiophene derivs. as interleukin-6 and interleukin-12 production inhibitors)
 RN 246172-78-1 CAPLUS
 CN Thiazole, 5-[2-[(2,3-dihydro-1,1-dioxido-3-(phenylsulfonyl)benzo[b]thien-4-yl)oxy]ethyl]-4-methyl-, hydrochloride (1:1) (CA INDEX NAME)



RN 246174-49-2 CAPLUS
 CN Benzo[b]thiophene-4-carboxamide, 2,3-dihydro-3-(phenylsulfonyl)-N-[4-[(2-thiazolylamino)sulfonyl]phenyl]-, 1,1-dioxide (CA INDEX NAME)

L4 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR
THIS
FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:727377 CAPLUS
DOCUMENT NUMBER: 128:30041
ORIGINAL REFERENCE NO.: 128:5741a,5744a
TITLE: Identification of Novel Farnesyl Protein Transferase Inhibitors Using Three-Dimensional Database Searching Methods
AUTHOR(S): Kaminski, James J.; Rane, D. F.; Snow, Mark E.; Weber,
Lois; Rothofsky, Marnie L.; Anderson, Samantha D.; Lin, Stanley L.
CORPORATE SOURCE: Schering-Plough Research Institute, Kenilworth, NJ, 07033, USA
SOURCE: Journal of Medicinal Chemistry (1997), 40(25), 4103-4112
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Generation of a three-dimensional pharmacophore model (hypothesis) that correlates the biol. activity of a series of farnesyl protein transferase (FPT) inhibitors, exemplified by the prototype 1-(4-pyridylacetyl)-4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)piperidine (SCH 44342), with their chemical structure was accomplished by the 3-dimensional quant. structure-activity relationship (3D-QSAR) software program, Catalyst. On the basis of the in vitro FPT inhibitory activity of a training set of compds., a 5-feature hypothesis containing 4 hydrophobic and 1 hydrogen bond acceptor region was generated.

Using this hypothesis as a 3-dimensional query to search this corporate database identified 718 compds. (hits). Determination of the in vitro

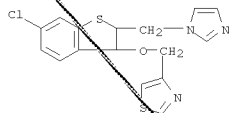
FPT inhibitory activity using available compds. from this "hitlist" identified

5 compds., representing three structurally novel classes, that exhibited in vitro FPT inhibitory activity, IC50 5 µM. From these 3 classes, a series of substituted dihydrobenzothiofenes was selected for further structure-FPT inhibitory activity relationship studies. The results from these studies is discussed.

IT 199731-52-7
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study) (farnesyl protein transferase inhibitors identification by three-dimensional database searching methods)

RN 199731-52-7 CAPLUS
CN Thiazole, 4-[[[6-chloro-2,3-dihydro-2-(1H-imidazol-1-ylmethyl)benzo[b]thien-3-yl]oxy]methyl]- (CA INDEX NAME)

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR
THIS
FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L4 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:297485 CAPLUS
DOCUMENT NUMBER: 122:68368
ORIGINAL REFERENCE NO.: 122:12843a,12846a
TITLE: Near-infrared-erasable ink and toner as well as recording system using same
INVENTOR(S): Murofushi, Katsumi; Hosoda, Kiichi
PATENT ASSIGNEE(S): Showa Denko Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06148932	A	19940527	JP 1992-294611	19921102
PRIORITY APPLN. INFO.:			JP 1992-294611	19921102

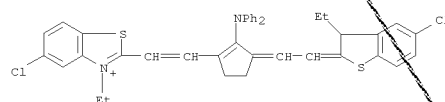
AB An IR-erasable recording material comprises an IR-absorbing cationic dye and a bleaching agent. An IR-erasable toner contains the above material. An IR-erasable ink contains the above material as colorant.

IT 160237-00-3
RL: MOA (Modifier or additive use); USES (Uses) (IR-absorbing cationic dye; for IR-erasable recording)

RN 160237-00-3 CAPLUS
CN Benzothiazolium, 5-chloro-2-[2-[3-[(5-chloro-3-ethylbenzo[b]thien-2(3H)-ylidene)ethylidene]-2-(diphenylamino)-1-cyclopenten-1-yl]ethenyl]-3-ethyl-, (T-4)-butyltriphenylborate(1-) (9CI) (CA INDEX NAME)

CM 1

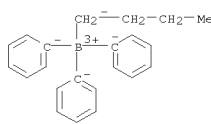
CRN 160236-99-7
CMF C40 H35 Cl2 N2 S2



CM 2

CRN 47252-39-1
CMF C22 H24 B
CCI CCS

L4 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

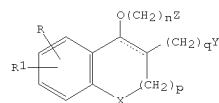


L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1987:458844 CAPLUS
 DOCUMENT NUMBER: 107:58844
 ORIGINAL REFERENCE NO.: 107:9769a,9772a
 TITLE: Benzo(b)thiophenes, benzo(b)furans, thiochromans, and chromans having antimicrobial activity
 INVENTOR(S): Rane, Dinanath F.; Wright, John J.; Pike, Russell E.
 PATENT ASSIGNEE(S): Schering Corp., USA
 SOURCE: Can., 76 pp.
 CODEN: CAXXA4
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 1213591	A1	19861104	CA 1982-400570	19820406

PRIORITY APPLN. INFO.:

GI



AB The title comps. [I; n = 0-4; p = 0, 1; q = 0-2; R, R1 = H, halo, amino, NO2, (un)substituted alkyl; R1R2 may fuse to form a C5-7 ring; X = O, S, SO, SO2; Y = (un)substituted imidazolyl, 1,2,4-triazolyl; Z = (un)substituted alkyl, cycloalkyl, heteroaryl] are prepared in multistep procedures. I are useful as bactericides, protozoacides, and medical and agricultural fungicides (no data). I were formulated as ointments

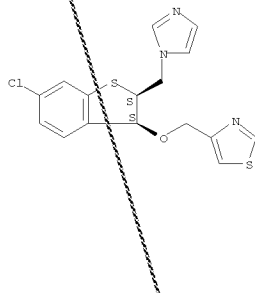
containing active ingredient 0.5, mineral oil 50.0 mg, and white petrolatum to make 1

g.
 IT 83450-20-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as antimicrobial agent)

RN 83450-20-8 CAPLUS
 CN Thiazole, 4-[[[6-chloro-2,3-dihydro-2-(1H-imidazol-1-ylmethyl)benzo[b]thien-3-yl]oxy]methyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

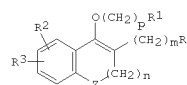
L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



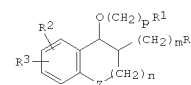
L4 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1982:582201 CAPLUS
 DOCUMENT NUMBER: 97:182201
 ORIGINAL REFERENCE NO.: 97:30481a,30484a
 TITLE: Benzo[b]thiophenes, benzo[b]furans, thiochromans and chromans and their antimicrobial compositions
 INVENTOR(S): Rane, Dinanath Fakir; Wright, John Jessen; Pike, Russell Edwin
 PATENT ASSIGNEE(S): Schering Corp., USA
 SOURCE: Eur. Pat. Appl., 68 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 54233	A1	19820623	EP 1981-110131	19811204
EP 54233	B1	19860924		
R: AT, BE, CH, DE, FR, GB, IT, NL, SE				
US 4352808	A	19821005	US 1980-215948	19801212
AT 22444	T	19861015	AT 1981-110131	19811204
IL 64502	A	19860331	IL 1981-64502	19811210
AU 8178458	A	19820617	AU 1981-78458	19811211
AU 546360	B2	19850829		
JP 03008353	B	19910205	JP 1981-199957	19811211
US 4431816	A	19840214	US 1982-354463	19820303
HU 29195	A2	19840130	HU 1982-1070	19820407
HU 193633	B	19871130		
ZA 8108593	A	19820929	ZA 1981-8593	19821210
PRIORITY APPLN. INFO.:			US 1980-215948	A 19801212
			EP 1981-110131	A 19811204

OTHER SOURCE(S): CASREACT 97:182201; MARPAT 97:182201
 GI



I



II

AB Title comps. I and II [Z = O, S, SO, SO2; n = 0, 1; m = 0, 1, 2; R = (un)substituted imidazolyl or 1,2,4-triazolyl; p = 0, 1, 2, 3, 4; R1 = alkyl, alkenyl, alkynyl, cycloalkyl, heteroaryl; R2 and R3 independently are H, halo, alkyl, haloalkyl, NO2, (un)substituted amino] were prepared, and they are useful as fungicides and bactericides (no data). 6-Chloro-2,3-dihydro-3-hydroxy-2-(1-imidazolylmethyl)benzo[b]thiophene reacted with NaH and 2-chloro-3-thienyl bromide to give II (Z = S, n = 0, m = 1, R = 1-imidazolyl, R1 = 2-chloro-3-thienyl, R3 = 6-Cl, R2 = H), which

L4 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
exhibited protozoacidal activity.
IT 83450-20-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 83450-20-8 CAPLUS
CN Thiazole, 4-[[[6-chloro-2,3-dihydro-2-(1H-imidazol-1-
ylmethyl)benzo[b]thien-3-yl]oxy]methyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

